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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# USB 1.1 Rover<sup>®</sup> 1850

## 1-Port USB 1.1 85m\* Cat 5e Extender System

The USB 1.1 Rover 1850 extends USB 1.1 connections beyond the desktop up to 85\* meters.

LEX (Local Extender)



Actual cable length  
45.7cm (18")

REX (Remote Extender)



Actual cable length  
15.2cm (6")



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## Features

The Rover 1850 uses technology ideal for extending USB peripherals including: keyboards, mice, interactive white boards, and game controllers and does not require external power adapters. Key features include:

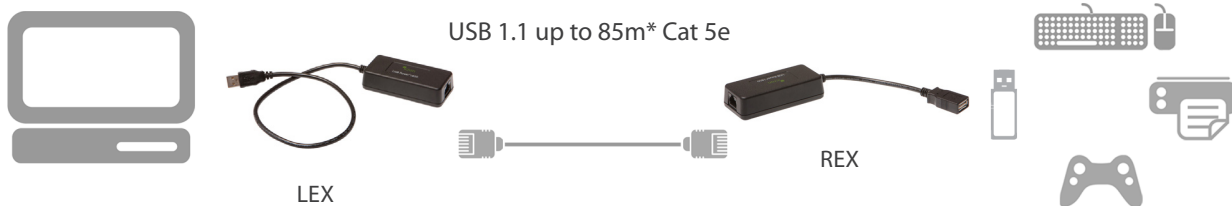
- Remote extender supplies up to 400mA\*\* to USB devices
- Supports both full-speed (12 Mbps) and low-speed (1.5 Mbps) throughputs
- Robust ESD and EFT immunity for industrial environments
- 3-year warranty

Includes the ExtremeUSB<sup>®</sup> suite of features:

- True plug and play; no software drivers required
- Supports all major operating systems: Windows<sup>®</sup>, Mac OS X<sup>®</sup>, and Linux<sup>®</sup>
- Reliable operation with all USB 2.0 and 1.1 devices, including hubs
- Patented USB extension technology

## Applications

- Interactive white board
- Keyboard and mouse
- Sensor/data acquisition
- Industrial control



Specifications subject to  
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#90-00874-A04

\* Up to 40m for all USB devices; 85m is achievable for most low powered HID USB devices.

\*\* 400mA when LEX is supplied with 700mA



# USB 1.1 Rover® 1850 Specifications



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## RANGE

Full-Speed and Low-Speed:	Up to 40m (131 ft)
Low-Speed:	Up to 85m (279 ft)*

## LEX (LOCAL EXTENDER)

USB Connector:	1 x USB Type A Plug
Pig Tail Length:	45.7cm (18")
Link Connector:	1 x RJ45
Dimensions:	85mm x 40mm x 22mm (3.34" x 1.57" x 0.87")
Enclosure Material:	Black ABS

## REX (REMOTE EXTENDER)

USB Connector:	1 x USB Type A Receptacle
Pig Tail Length:	15.2cm (6")
Link Connector:	1 x RJ45
Maximum Current Available:	400mA when LEX is supplied with 700mA
Dimensions:	85mm x 40mm x 22mm (3.34" x 1.57" x 0.87")
Enclosure Material:	Black ABS

## ENVIRONMENTAL

Operating Temperature:	0°C to 50°C (32°F to 122°F)
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## COMPLIANCE

Emissions:	FCC (Class A), CE (Class A)
Immunity:	CE Criteria A
Environmental:	RoHS2 (CE)
Safety:	CPSIA, Flammability V-1

## SUPPORT

Warranty:	3 years
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\* device and host dependant

## Ordering Information

The USB 1.1 Rover® 1850 system includes a LEX, REX, Quick Start Guide and three year warranty.

For more information, email [sales@icron.com](mailto:sales@icron.com) or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00301	USB 1.1 Rover® 1850	1-Port 85m Cat 5e bus-powered USB Extender System